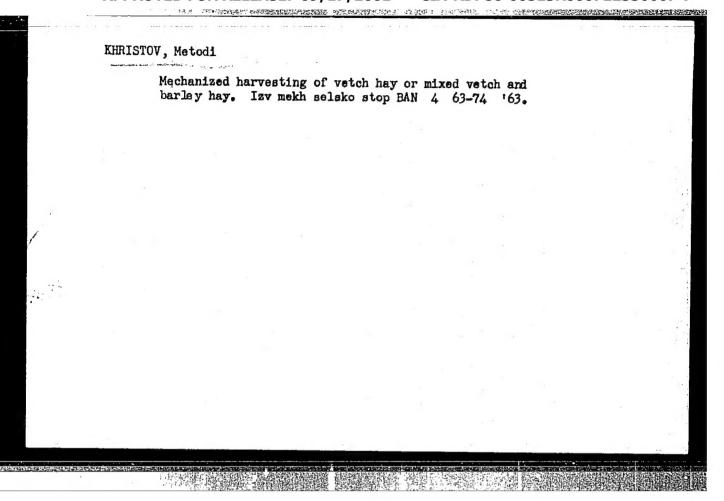
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SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L. C., VOL. 3, NO. 1, Jan. 1954, Uncl.

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SO: MONTHLY LIST OF EAST EUROFEAN ACCESSIONS, L. C. Vol. 3 No. 1 Jan '54 Uncl.

于中国,因此的主义,是不是有关的。但是国家的政治的,是对于自己的主义,是是自己的一个不可以的一个,不可以可以可以的主义,但是这种人的主义的,但是是一个人的一个人

KHRISTOV, M.

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So: Eastern European Accession Vol. 5 No. 1 Jan. 1956

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SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 5, NO. 10, Oct. 1956.

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SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

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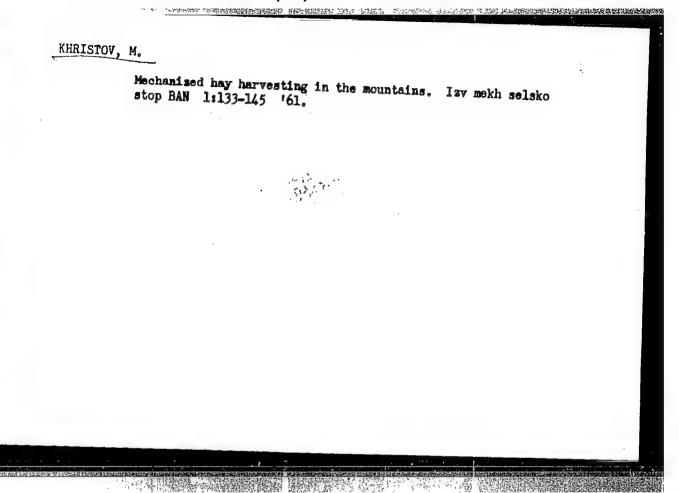
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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722330007-7"

DASKALOV, Khr., akad.; STOEV, Kun'o; BOGDANOV, Vasil, st. n. sutr.;

KHRISTOV, Metodi, st. n. sutr.; KHAD ZHIOLOV, Asen A., st. nauchen
sutrudnik; DECHEV, Georgi, ml. n. sutr.; BLI ZNAKOV, Georgi, prof.;
PENKOV, Boian, ml. n. sutr.; POPOV, Rumen

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1. Zam. predsedatel na ASN (for Daskalov). 2. Glaven nauchen sekretar na ASN (for Signv). 3. Nauchen sekretar na ASN (for Bogdanov). 4. Institut za mekhanizatsiia na selskogo stopanstvo (for Khristov). 5. Direktor na Instituta po neorganicheska i obshta khimiia pri BAN (for Bliznakov). 6. Predsedatel na Komisiiata za nauka i tekhnicheski progres pri TsK na DKMS (for Popov).

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KHRISTOV, N.; VIKTOROV, St.; NIKOLOV, G.

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Introduction of metallic head cores for molds, a new way in casting. Ratsionalizatsiia 13 no.11:17-18 *63

AM4024709

BOOK EXPLOITATION

B/

Khristov, Nikola T. (Engineer); Zakhariev, Kiril S. (Engineer)

I vices for automatic control and regulation of industrial processes. v. 1: Devices for measurement and control (Ustroystva za avtomatichen kontrol i regulirane na proizvodstvenite protsesi. t. 1: Ustroystva za izmervane i kontrol) Sofia, "Tekhnika," 62. 0405 p. illus., biblio, graphs. 2583 copies printed.

TOPIC TAGS: instrumentation, automatic control instruments, temperature measurement, pressure measurements, vacuum measurement, flow measurement, level measurement, heat content measurement, humidity measurement, dust content measurement, stream control, feed water control, boiler control

PURPOSE AND COVERAGE: The book deals with measurement and control methods used in manufacturing processes, and with the apparatus and circuits used for this purpose. The construction of most types of

Card 1/3

AM4024709

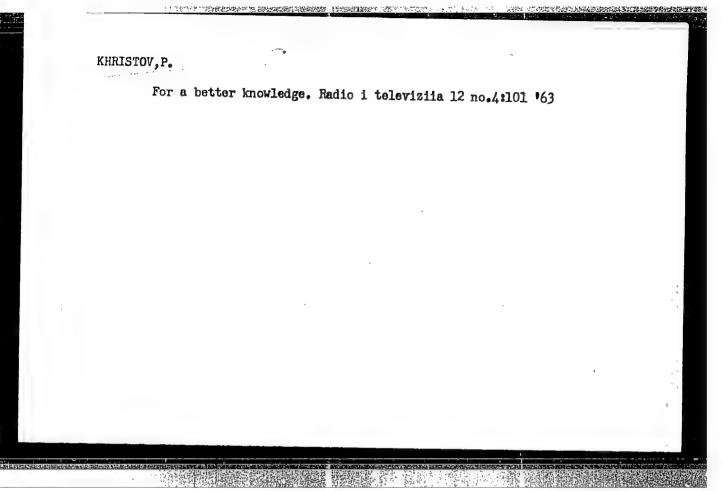
apparatus is described, and industrial applications and test and design procedures are given. The book also contains a complete procedure for throttling and control devices. It is for engineers and technicians engaged in operation, erection, and design of measurement and control apparatus for industrial enterprises and power generating stations, and can also be used by technical personnel in the enterprises.

TABLE OF CONTENTS [abridged]:

Foreword - - 3

- A. Temperature measurements - 5
- B. Pressure and vacuum measurements - 101
- C. Fluid flow and fluid quantity measurements - 161
- Level measurements - 295
- E. Control of gas composition and gas heat content.

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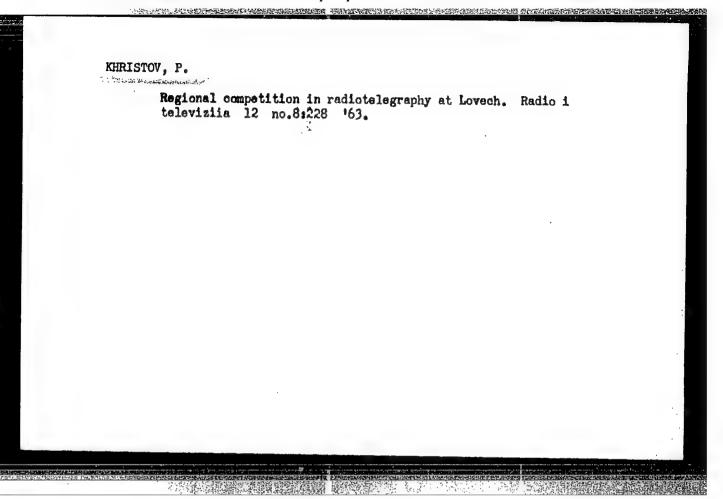


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Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), LC, Vol. 8, No. 7, July 1959, Unclas

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Sofiia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of

Congress, Vol. 6, No. 1, January 1957

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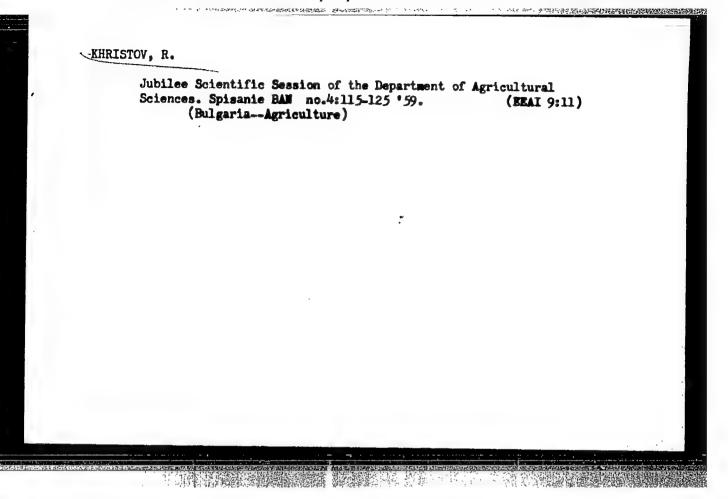
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1. Iz Katedrata po fakultetska khirurgiia pri VMI "I.P.Pavlov" - Plovdiv.

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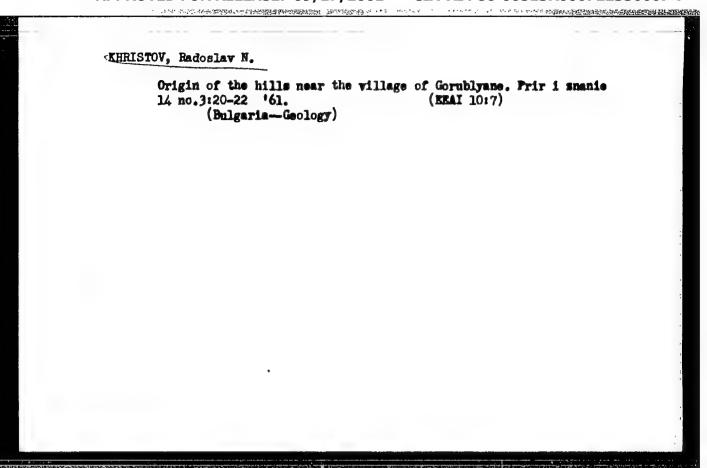
MIRISTOV, IL.

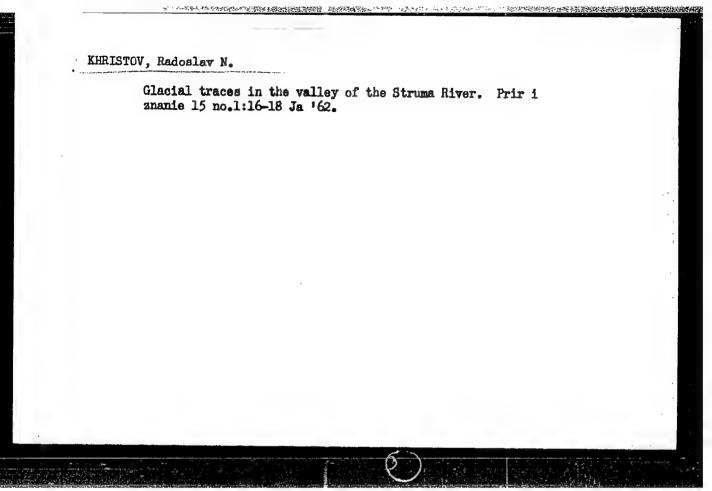
TECHNOLOGY

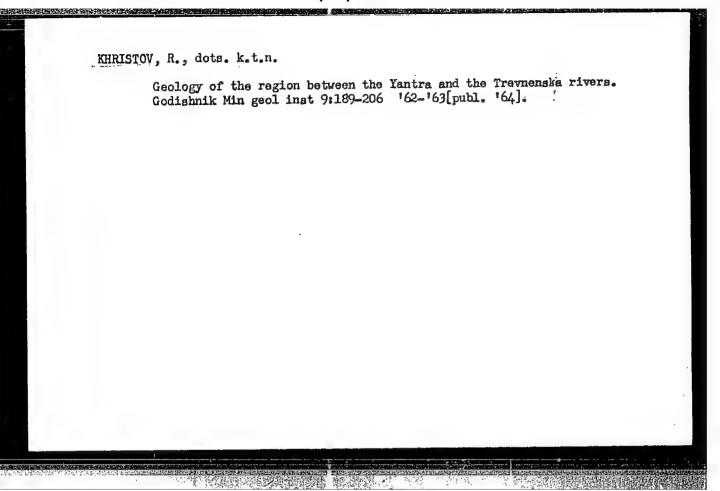
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SO: Monthly List of the East European Accession (EVAL) LC. Vol. 4, no. 10, Oct. 1955. Uncl.

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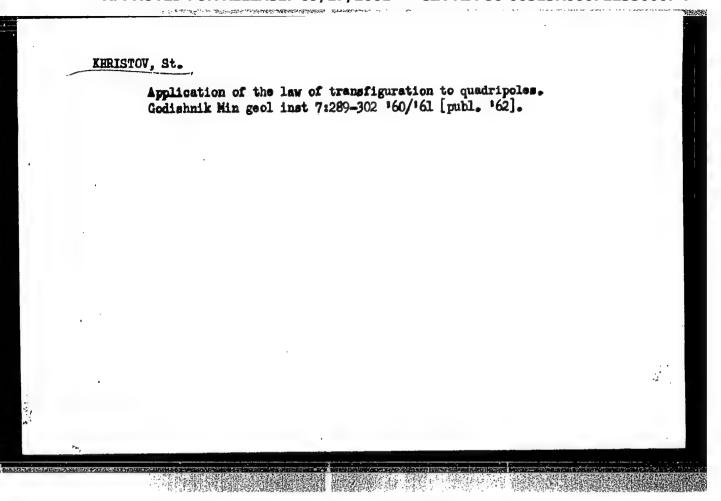
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Unclassified

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Electric invariability of circuits for alternating and direct current and the method of repeated circuits. p. 129.

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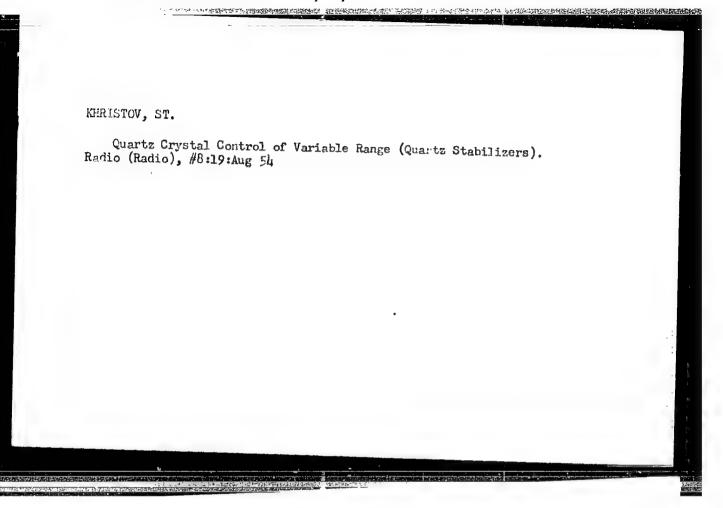
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Reconstruction of existing tunnels in connection with the electrification of Bulgarian railroads. Strottelstvo 11 no.4: 17-21 J1-Ag '64.

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KHRISTOV, ST.

Viruses and Alogettsize

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Specific Immuno enio rophylaxis of eine Inolera

Orig ub : Telskoston. Mis'l. 1 36. 1, No 5, 277- 85

ibstract : it has been proposed that crystal-vielet veccine should be administered in decreased dosres (instead of five and ten milliarsus, one and two milligrams are obtively) with the help

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Bulgaria/Biseases of Farm chimals. Gidenses Caused by -1 Vinuses and Rickettsie

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bstract : and thus prolongs the in luence

on the central nervous system. is a result, one injection of caffeine mer maintain a high reaction capacity of the orenise for a period of 15 days. Hence, a decreased dose of cayetal-vio-let vaccine administered on a background of carfeine is capable of causing the estab inhment of Lemunity which does not differ in its intensity from the one obtained as a result of the administration of the usual lose. The intensity of immunity is significantly lower when the crystalviolet vaccine is administered intracutaneously than when it is administered subcutaneously. new method of simultaneous vascination against smine cholera has been worked out (simultaneous administration of hyperimunized seru: and

Card 2/3

BUIGARIA / Cultivated Plants. Potatoes, Vegetables, Melons.

M-H

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58615

Author : Khristov, Stoyen
Inst : Not given
Title : New Pepper Varieties

Orig Pub : Ovoshcharstvo i gradinarstvo, 1957, No 9, 32-36

Abstract : No abstract given

Card 1/1

70

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722330007-7

MIKHOV, Atanas; KHRISTOV, Stoyan [Kh; VINNITSKIY, S.[Vinnits'kyi, S.], red.; MOICHANOVA, T., tekhn. red.

[From the practices of Bulgarian vegetable growers] Z dosvidu bolgars'kykh ovochivnykiv. Odesa, Odes'ke knizhkove vyd-vo, 1960. 66 p.

(Bulgaria-Vegetable gardening)

BULGARIA/Human and Animal Physiology - (Normal and Pathological). T Respiration.

Abs Jour : Ref Zhur Biol., No 4, 1959, 17511

Author : Tsanev, B., Khristov, St., Kanazirski, P.

Inst : Medical Institute, Bulgarian Academy of Sciences.

Title : Bronchospirometry (Method).

Orig Pub : Izv. Med. in-ti Bolg. AN, 1957, kn. 14, 407-432

Abstract : No abstract.

Card 1/1

- 50 ~

TSANEY, B.; KHRISTOV, St.; KANAZIRSKI, P.

Bronchospirometry; methods. Izv. Mikrob. inst., Sofia no.8:407-432 1957.

1. Sanatorium za grudobolni iskrets na sgnadt gl. lekar: D-r S. Simeonov. (RESPIRATION, funct. tests
bronchospirometry, technic & diag. value (Bul))

TSANEV, B.; KHRISTOV, St.; KANAZIRSKI, P.

Advantages and disadvantages of bronchospirometry. Suvrem. med., Sofia 8 no.8:64-70 1957.

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KHRISTOV, St.; BELOVSKI, Al.; KOSTOV, T.

Postomerative atelectasis in surgical treatment of tuberculosis.
Khirurgiia, Sofia 10 no.10:905-912 1957.

1. Sanatorium *Iskrets* Gl. lekar: S. Simeonov.

(PNEUMONESTOMY, compl.

atelectasis in pulm. tuberc.)

(ATELECTASIS, etiol. and pathogen.

pneumonectomy in pulm. tuberc.)

KHRISTOV, S.

Invisible cavities in the pulmonary parenchyma & their diagnosis by bronchography. Suvrem. med., Sofia 9 no.6:56-62 1958.

1. Iz sanatoriuma Kakrets pri SCHS (Glaven lekar: Ior. Popov).

(TUBERCULOSIS, PULMONARY, pathol.

cavitation, bronchographic diag. of so-called invisible cavities (Bul))

KANAZIRSKI, P.; KHRISTOV, St.; STANEV, KHr.

On inflammatory lesions of the middle pulmonary lobe. Suvrem.med., Sofia no.11:42-50 *59.

1,Is sanatoriuma "Iskrets" pri SGMS. Gl.lekar: Iord. Popov. (ATELECTASIS)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722330007-7"

S/081/61/000/024/042/086 B117/B147

AUTHORS:

Khristov, St., Gudev, N.

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TITLE:

Corrosion of the reinforcement in reinforced concrete

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 24, 1961, 311-312, abstract 241250 (Tr. N.-i. stroit. in-t, v. 3, 1958 (1960),

237-252)

TEXT: Various factors were examined as to their effect upon the rate of reinforcement corrosion in reinforced concrete, e.g., concrete composition, water-cement ratio, thickness of protective layer, concrete permeability to air, concrete porosity, relative moisture, and quality of reinforcement metal. Various types of ordinary and low-alloy steel and different concrete compositions were examined. The results were evaluated by different methods, e.g., by the visual method and by measuring the electric resistance of the sample. During the tests, the samples were kept both in air of varying humidity and in water of different compositions the effect of TETs ash additives was also examined. It was established that under normal conditions the reinforcement was well protected against Card 1/2

Corrosion of the reinforcement ...

S/081/61/000/024/042/086 B117/B147

corrosion by concrete made from cement 300, in which the water-cement ratio did not exceed 0.60 and the concrete layer above the reinforcement was 1.5 cm thick. The "shell" method was recommended for quick tests. In this case, a cavity is provided inside the samples and filled with the required solution. [Abstracter's note: Complete translation.]

Card 2/2

NIKOLOV, R., dots., d-r; BALASHEV, Ang., inzh.; KHRISTOV, St., inzh.; PARGOVA, Iv., inzh.

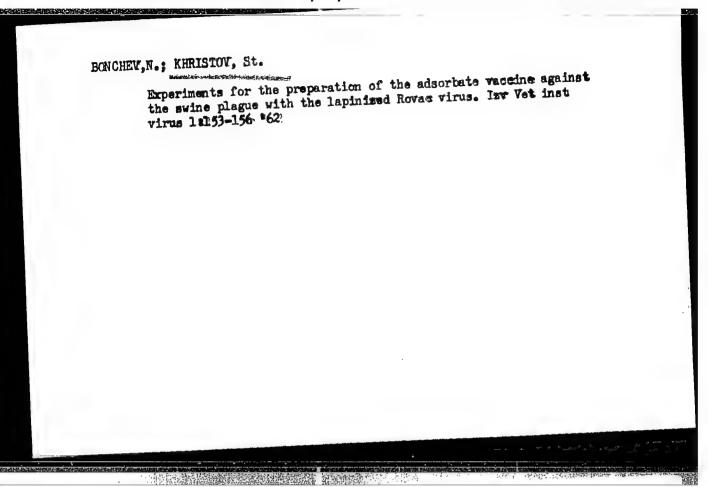
Experimental studies of the electric truck EBB 2002 B. Mashinostroene 10 no.10:4-6 0 161.

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722330007-7

ZHELEV, VI.; EHRUSTOV, St.

Changes in the cells of the chick embryo tissue cultures infected with various strains of the pseudorables virus (Fujasaky's disease). Tav. Vet inst virus 12111-123 163



BENCHEV, N., KHRISTOV, 2t.; ANCHERV, I.

Jeolation and cultivation of the pig and calf enteroviruses in the tissue cultures. Izv Vet inst virus 2:19-22, *63

Preparation of a bivalent serum against the foot-and-month and the Aujeszky's discusses. 15id. 221-85 *63

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722330007-7"

BULGARIA

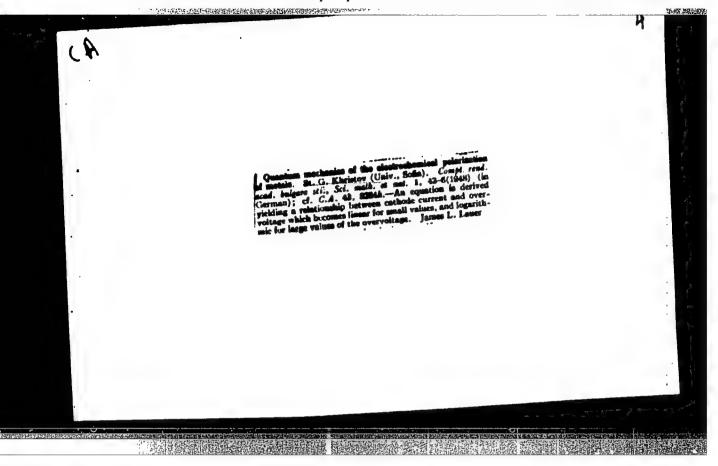
KHRISTOV, Dr. St., Veterinary Institute of Infectious and Parasitic Diseases, Sofia

''Aujeszky's Disease in Calves Uptto One Month Old ! Tord:
Sofia, Veterinarna Sbirka, Vol 63, No 3, 1966, pp 11-14

Abstract: Cases of Aujeszky's disease in calves up to one month old were observed in Bulgaria in 1964. The disease could be transmitted to rabbits. "Nirus" strains that were isolated from calves with symptom toms of encephalitis and grown in tissue cultures reacted with Aujeszky disease hyperimmune serum from the Antiplague Institute in Vratsa and with calf antiserum to the strains. Calves could be infected with a strain grown in a tissue culture. Injections of antiserum in to calves had a prophylactic effect. It was established that adult

1/2

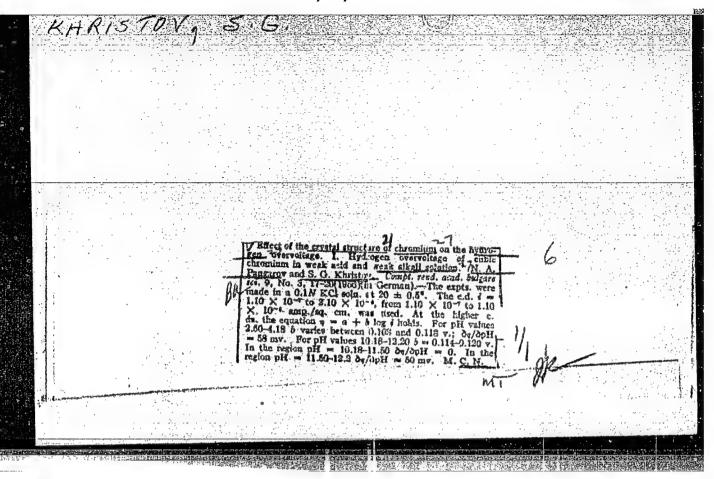
APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722330007-7"

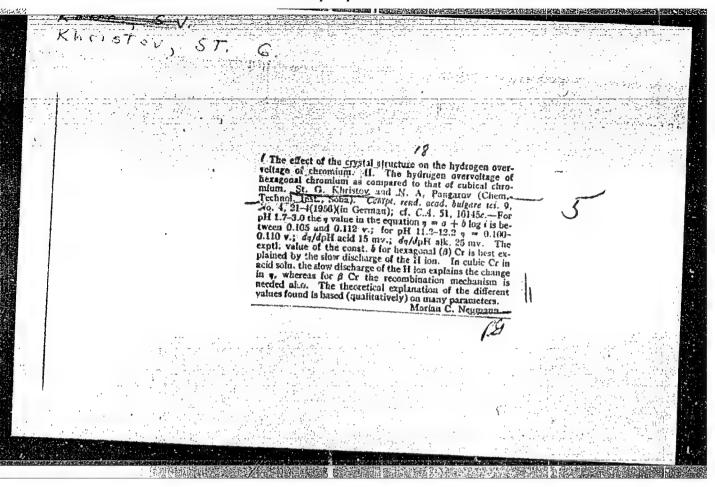


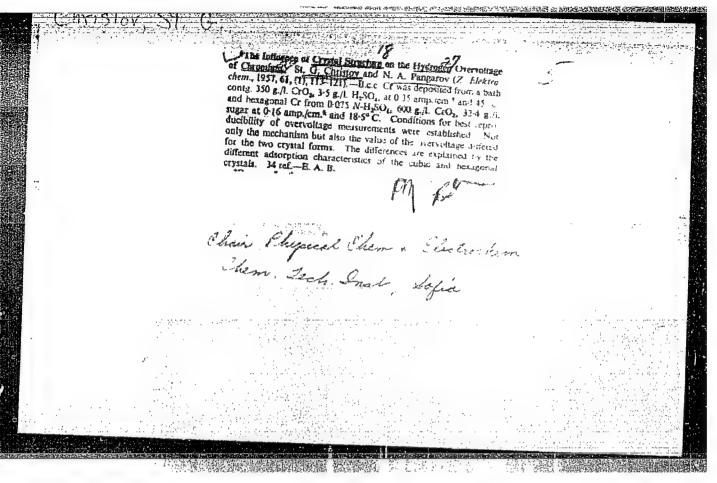
KRISTOV, S.

KHRISTOV, S. Various methods by which the Law of the Conservation of Energy is supported. p. 231 Vol. 5 Jan./Dec. 1955 IZVESTILA SERIA FIZICHESKA. Sofiia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4 April 1957







AUTHOR:

Khristov, St. G.

SOV/20-125-1-38/67

TITLE:

Quantum Mechanical Effects and Temperature Dependence of the Rate of Electrolytic Separation of Hydrogen and Deuterium (Kvantomekhanicheskiye effekty i temperaturnaya zavisimost' skorosti elektroliticheskogo vydeleniya vodoroda i deyteriya)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 1, pp 143-146 (USSR)

ABSTRACT:

Various considerations of other authors, which are shortly discussed, permit an indirect quantitative evaluation of the influence exercised by the tunneling effect upon the discharge of H₂O[†] and D₂O[†], i.e. by investigating the temperature dependence of the current density by means of the Eckart barrier. The direct way would require knowledge of the accurate shape and size of the barrier. However, only a few exact data are available hereon;

the barrier is not wider than the double layer ($d \simeq 1.5.10^{-8}$ cm) and not higher than the experimental value E' of the activation energy. For practical reasons it is useful to employ the symmetrical Eckart barrier which can be represented by the poten-

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tial function $V(x) = 4E_0 e^{2\pi x/1}/(1 + e^{2\pi x/1})^2$, where E_0 denotes

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> the height and δ = 21 the width of the basic line of the barrier. Also for the penetrability of this barrier an expression is written down. In order to determine whether an approximation of the actual barrier by the Eckart barrier may be justified, the author primarily computed the activation energy $\tilde{E}_{0,H}^{\dagger}$ for numerous values of δ and \boldsymbol{E}_{o} . The values obtained were considerably smaller than the corresponding experimental values, both for a mercury cathode and other metals. According to these results the Eckart potential cannot be employed as an approximate formula for the shape of the barrier in the case of a discharge of H₃O⁺ on a mercury cathode. It is, however, suited to the determination of the indirect part played by the tunneling effect in this process. A table contains for three values of E those values of δ at which E_o has one and the same value, i.e. $1.48.10^{-12}$ erg (21.3 kcal/mol). For the purpose of investigating the problem more precisely the author chose a barrier 1.6.1012 erg (23 kcal/mol) long, which is hardly affected by the tunneling

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effect. A diagram shows the dependence of the activation energy on the width of this barrier. Consequently, the experimental value of $E'_{0,H}$ is obtained at $\delta=4.4$ to 4.8 Å. The corresponding results of the computations of three different values of δ are listed in a table. According to these and a few other data, an Eckart barrier $1.6.10^{-12}$ erg long and 4.6 to 4.8 Å wide for a discharge of H_{0}^{-1} and H_{0}^{-

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Quantum Mechanical Effects and Temperature Dependence of the Rate of Electrolytic Separation of Hydrogen and Deuterium

case. There are 1 figure, 4 tables, and 7 references, 3 of which

are Soviet.

ASSOCIATION: Kafedra fizicheskoy khimii i elektrokhimii Khimiko-

tekhnologicheskogo instituta Sofiya, Bolgariya (Chair of Physical Chemistry and Electrochemistry of the Institute of

Chemical Technology, Sofia, Bulgaria)

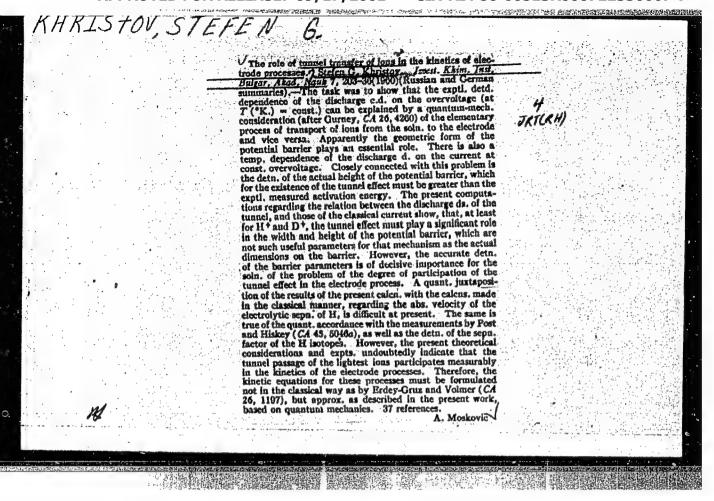
PRESENTED: December 4, 1958, by P. A. Rebinder, Academician

SUBMITTED: September 10, 1958

Card 4/4

"APPROVED FOR RELEASE: 09/17/2001

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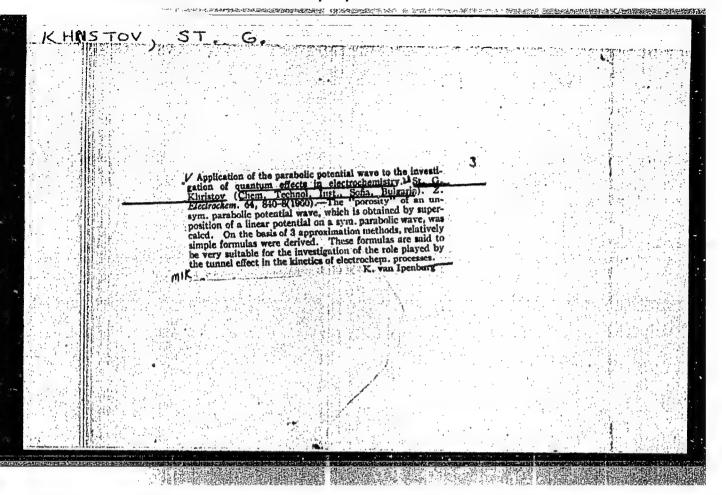


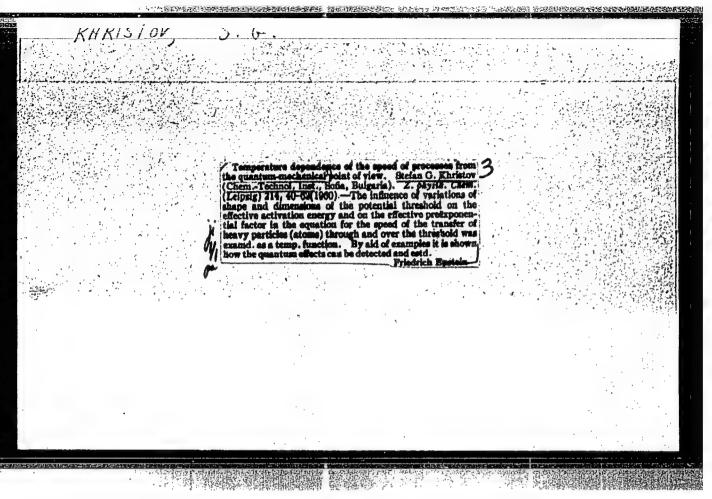
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(Hydrogen) (Chromium) (Acids)





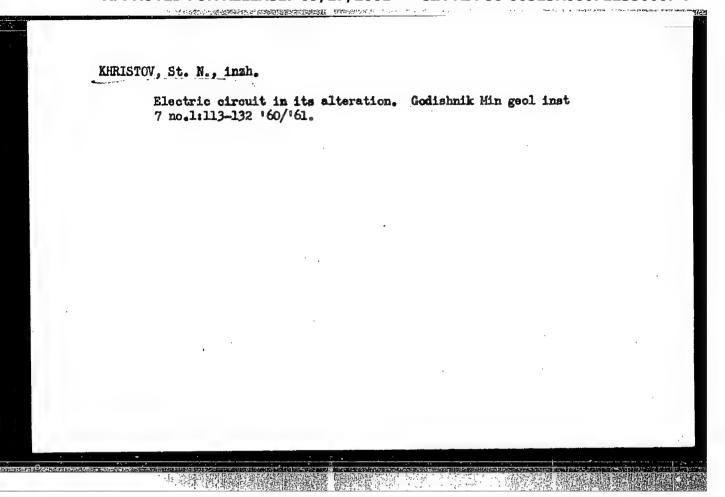
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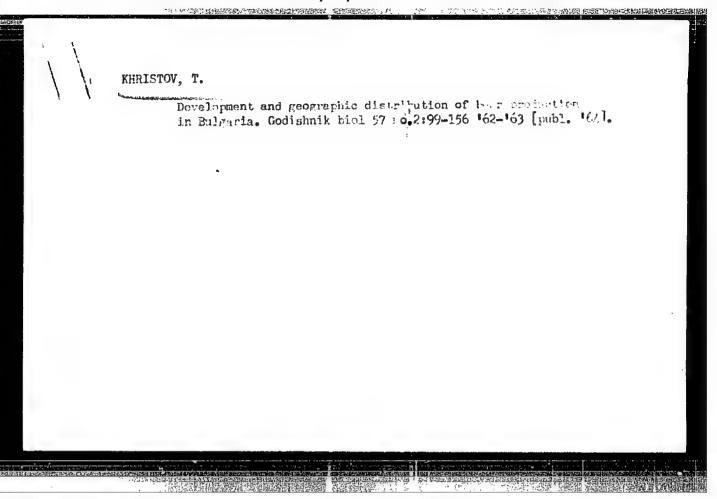
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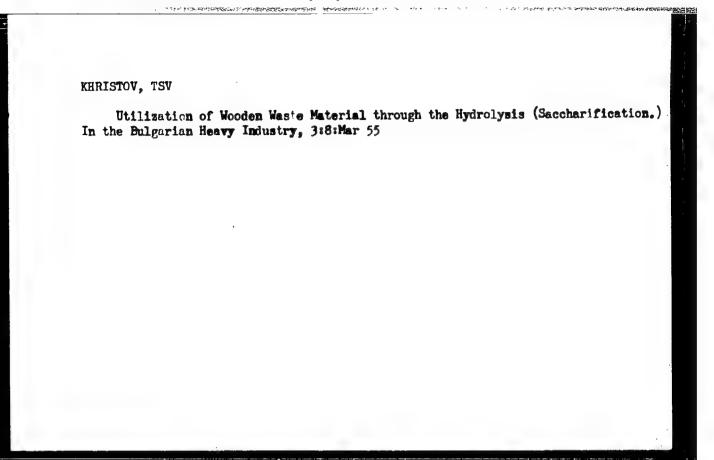
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BULGARIA/Chemical Technology - Cellulose and Its Derivatives.

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Paper.

Abs Jour

Ref Zhur - Khimiya, No 24, 1958, 83797

Author

Khristov, Ts.

Inst

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Title

Stem and Leaf Pulp of Certain Grass Families as a Raw

Material for the Production of Cellulose Paper.

Orig Pub

Tekhnika (belg.), 1958, 7, No 1, 13-16.

Abstract

The absence of any essential difference in the anatomical structure and chemical composition (excluding lignin) of straw of Phalaris bulbosa, Panicum virgatum and Elymis arenarius as compared with the wheat straw and other Granineae is pointed out. The lignin content is almost twofold as that in straw sheat. The whole bulk (stems and leaves) from P. bulbosa, P. virgatum and E. arenarius can be ecompletely processed by the sulfate method into a cel-

lulose suitable for the manufacture of paper.

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Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83797

The high content of lignin in the straw of these grass families causes no difficulties in their processing together with wheat straw into cellulose. The grass

seeds are utilized for forage.

Card 2/2

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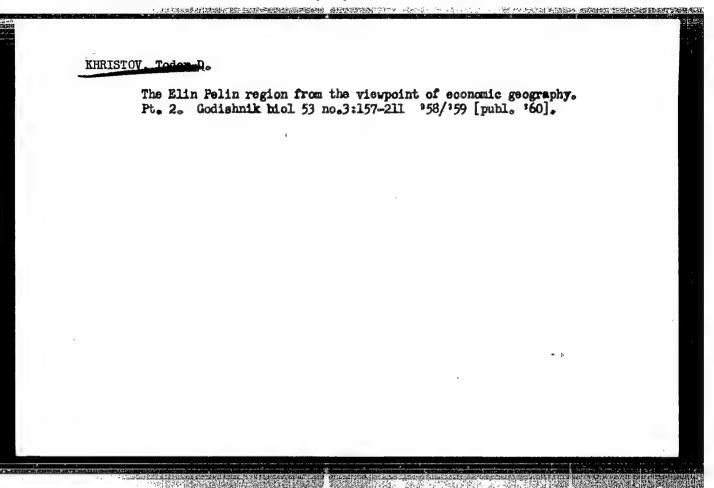
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I.

Abs Jour

: Ref Zhur - Biol., No 23, 1950, 104376

Author

: Popov, I.D., and Khristov, V.

Inst

: Bulgarian AS

Title

: The Penetration of Co⁶⁰ Into Wheat Seeds upon Souking

Them in a Solution.

Orig Pub

: Dokl. Bolg. AN, 10, No 1, 73-76, 1957.

Abstract

: Wheat seeds were soaked for 7 hours in a 0.02% solution of CoCl₂ containing 20 curies of Co⁶⁰, and thereupon germinated on filter paper soaked in distilled water. Co⁶⁰ penetrated the seeds chiefly through the seed bud and, to a much smaller extent, through the opposite end of the seed. Upon the germination of seeds Co⁶⁰ migrated to the root of the germ plant, and the radioactivity of the

stalk increased slightly. ... L.V. Romanov

Card 1/1

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SCIENCE

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CIA-RDP86-00513R000722330007-7

ACC NR. AT6031504

SOURCE CODE: BU/2503/66/014/000/0027/0037

AUTHOR: Khristov, V.

ORG: none

TITLE: A study of the reacting sensitivity of a nuclear reactor and possibilities for measurement of the effective absorption cross sections in reactors with a hard neutron spectrum

SOURCE: Bulgarska akademiya na naukite. Fizicheski institut. Izvestiya na Fizicheskiya institut s ANEB, v. 14, 1966, 27-37

ASPERTORISM COMPARISONS PROPERTY PROPERTY SERVICES

TOPIC TAGS: nuclear reactor technology, nuclear reactor, radiation sensitivity, absorption spectrum shift

ABSTRACT: In this paper the reacting sensitivity of an IRT nuclear reactor is determined and its dependence on the absorber position and the active zone configuration are established. The possibility of measuring effective cross sections of absorption by the static method of reactivity and by the spherical oscillatory method under fast neutron conditions (characteristic of the IRT reactor) has also been studied. Reactivity was measured by placing a round condmium absorber plate 19.6 mm in diameter, and 3 μ to 1 mm thick in the center of the reactor core while it was operating under exact critical conditions at small power (from 100W to 1 kW). The reactor was then

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